

In the Claims

1-44 (canceled).

45 (currently amended). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide to form an IgSP-tPA pre-propeptide(IgSP-tPA pre-propeptide).

46 (previously presented). The DNA construct of claim 45, wherein said immunoglobulin signal peptide is a murine immunoglobulin signal peptide.

47 (previously presented). The DNA construct of claim 46, wherein said murine immunoglobulin signal peptide comprises SEQ ID NO: 3.

48 (currently amended). The DNA construct of claim 45, wherein said tPA propeptide is a human tPA propeptide, the carboxyl-terminal extremity of said tPA propeptide consisting of amino acids wherein the carboxy terminus is Arg-Xaa-Arg-Arg.

49 (previously presented). The DNA construct of claim 48, wherein said tPA propeptide consists of amino acids 23 to 32 of SEQ ID NO: 2.

50 (currently amended). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide to form an IgSP-tPA pre-propeptide(IgSP-tPA pre-propeptide)The DNA construct of claim 45, wherein said tPA propeptide comprises SEQ ID NO: 1.

51 (currently amended). The DNA construct of claim 45, wherein said construct IgSP comprises SEQ ID NO: 3 fused to a nucleic acid encoding and said tPA comprises amino acids 23 to 32 of SEQ ID NO: 2.

52 (currently amended). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide to form an IgSP-tPA pre-propeptide(IgSP-tPA pre-propeptide). The DNA construct of claim 45, wherein said DNA construct or said construct comprises SEQ ID NO: 3 fused to SEQ ID NO: 1.

53 (previously presented). The DNA construct of claim 45, wherein said DNA construct encodes a fusion polypeptide comprising said IgSP-tPA pre-propeptide fused to a polypeptide of interest.

54 (previously presented). A vector comprising a DNA construct according to claim 45.

55 (previously presented). An isolated host cell transformed with the DNA construct according to claim 45.

56 (previously presented). The host cell of claim 55, wherein said cell is a CHO cell.

57-58 (canceled).